

Abstract of the Invention

A moving walkway is shown having a walkway surface with first and second ends and formed of a series of hinged rigid pallets in an endless loop. A direction-reversing sprocket is at each of the first and second ends. Each pallet is hinged to adjacent pallets along an axis substantially transverse to the walkway at opposite ends of the pallets along a length of the endless loop. Each pallet being transversely subdivided into a plurality of parts, each of the pallet parts being unidirectionally hinged to an adjacent one of the plurality of parts such that each pallet will support vertical loads on the walkway surface as a rigid unit and will hinge separately as the endless loop reverses direction around the sprockets.